Second Circular & Call for Papers





3rd International Conference on Sustainable Chemical Product and Process Engineering (SCPPE 2013)

The Hotel
Dalian University of Technology
Dalian, China
May 27-30, 2013







Sponsors

National Science Foundation, China National Science Foundation, USA Dalian University of Technology, China State Key Laboratory of Fine Chemicals, China AIChE Sustainable Engineering Forum, USA Depletion of nonrenewable resources, global warming, air, water, and soil pollution, excessive population growth, etc., have challenged all types of industries globally. In the past decade, significant progress has been made in recognizing and understanding the issues in sustainability in the chemical and allied industries. However, much remains to be done because the sustainability science is still far from exact, and sustainable engineering practice is yet to be more systematic, broader, and deeper. The conference will provide a unique forum for researchers, scientists, and practitioners to assess and critique the current status and future directions of research and development in *Sustainable Chemical Manufacturing and Energy Supply*. The key topical areas of the conference include:

- green chemistry and engineering in product design
- fine chemical innovation and manufacturing sustainability
- innovation in process design for sustainability
- environmental health and safety of nanotechnology
- alternative and renewable energy system and supply chain
- energy and sustainability in production
- green reaction engineering & separation
- biological conversion and process sustainability
- water management and reuse
- LCA, sustainability assessment, and tools

Conference Co-Chairs

Xiaojun Peng Dalian Univ. of Tech., China Yinlun Huang Wayne State Univ., USA

International Academic Committee

Xuhong Qian East China U of Sci. and Tech., China (Co-Chair)

Ignacio Grossmann Carnegie Mellon Univ., USA (Co-Chair)

Luke Achenie Virginia Tech., USA David Allen Univ. of Texas. USA

Ofelia Q. F. Araujo Universidade Federal do Rio de Janeiro, Brazil

Adisa Azapagic Univ. of Manchester Sci. & Tech., UK

Bhavik Bakshi Ohio State Univ., USA

A. A. Ton Broekhuis
Maria Burka
Xue Duan
Univ. of Groningen, Netherlands
National Science Foundation, USA
Beijing Univ. of Tech., China

Maria Soledad Diaz Universidad Nacional del Sur. Argentina

Mario Eden Auburn Univ., USA
Thomas Edgar Univ. of Texas, USA
Mahmoud El-Halwagi Texas A&M Univ., USA
Ali Elkamel Univ. of Waterloo, Canada

L. S. Fan Ohio State Univ., USA
Weiyang Fei Tsinghua Univ., China

Antonio Flores Universidad Iberoamericana, Mexico

Christodoulos Floudas Princeton Univ., USA

Tech. Univ. of Denmark. Denmark Rafigul Gani

Gonzalo Guillen-Gozalbez Univ. Rovira i Virgili. Spain

Norwegian Univ.of Sci. & Tech., Norway Truls Gundersen National Science Foundation, USA Bruce Hamilton Inst. of Petro-chemical Tech., China Mingyuan He

Masahiko Hirao Univ. of Tokyo, Japan Konrad Hungerbuehler ETH-Zurich. Switzerland

Iftekhar Karimi Nat'l Univ. of Singapore. Singapore Lappeenranta Univ. of Tech., Finland Andrzej Kraslawski

Zhejiang Univ., China Bogeng Li

Jinghai Li Inst. of Process Eng, CAS, China Wenping Liang National Science Foundation, China

Lamar Univ., USA Helen Lou

Wolfgang Marguardt RWTH Aachen University, Germany

Mariano Martín Univ. of Salamanca, Spain

National Energy Technology Lab., USA David Miller

Yonsei Univ., Korea II Moon

Pingkai Ouyan Naniing Univ. of Tech., China

Stratos Pistikopoulos Imperial College, UK

Yu Qian South China Univ. of Tech., China Jinapina Qu Dalian Univ. of Tech.. China Phillip Savage Univ. of Michigan, USA

Darlane Schuster AIChE – Inst. for Sustainability, USA

Jeffrey Seav Univ. of Kentucky, USA

Jeffrey Siirola Carnegie Mellon Univ./Purdue Univ., USA Subhas Sikdar EPA Nat'l Risk Assessment Research Lab., USA

David Thompson Idaho Nat'l Lab.. USA

East China Univ. of Sci. and Tech., China He Tian

Fei Wei Tsinghua Univ., China

Guenter Wozny Tech. Univ. of Berlin, Germany Fengqi You Northwestern Univ., USA Suojiang Zhang Inst. of Process Eng, CAS, China

Dalian Inst. of Chem. Physics, CAS, China Tao Zhang

National Organizing Committee

Xiaojun Peng Dalian Univ. of Tech., China, (Co-Chair) Yu Qian South China Univ. of Tech., China (Co-Chair)

Liangvin Chu Sichuan Univ. China Jinshen Gao China Univ. of Prteo.

Dalian Univ. of Tech., China Gaohong He Honabina Ji Sun Yat-sen Univ. China

East China Univ. of Sci. and Tech., China ChunZhong Li

Yang Li Dalian Univ. of Tech., China Changjun Liu Tianiing Univ., China Guanashena Luo Tsinghua Univ., China

Chunan Ma Zheiiang Univ. of Tech.. China Yuanbin She Beijing Univ. of Tech., China National Science Foundation, China Hongwei Sun

Zidong Wei Chongging Univ. China

Authors' Timetable

Abstracts submission February 22, 2013
Notification of acceptance March 1, 2013
Full paper submission March 31, 2013
Manuscript acceptance notification/pre-registration
Conference registration, conference, and tours May 27-30, 2013

Working Language, Paper Submission and Publication

English will be the language for the conference. The format for abstract (<300 words) and that for manuscript (< 6 pages) are announced on the conference website. Papers will be published in conference proceedings and selected international journals.

Registration Fee

Registration fee will be \$400 USD, including the Proceedings, the banquet, lunches and dinners, and one-day local tour.

Venue

Dalian is a coastal city near the end of the peninsula in southeast Liaoning Province, with a population of 5.7 million. Surrounded by the Yellow Sea and inland Bohai, Dalian has rich marine resources. There are numerous seafood restaurants in the city, providing a wide variety of top-quality seafood at very reasonable prices. There are many domestic flights flying between Dalian and other major cities in China, including Beijing, Shanghai, and Guangzhou. It takes only about one-hour flight from Beijing to Dalian. More details about Dalian City can be found at website: http://www.english.dl.gov.cn.

Correspondence Secretary General of Conference

Dr. Shiguo Sun State Key Lab. of Fine Chemicals Dalian University of Technology Dalian, 116024, P. R. China

Phone: +86-411-84986304 **Fax:** +86-411-84986304

E-mail (for inquiry and submission)

shiguo@dlut.edu.cn

Website:

http://isscme.dlut.edu.cn/top/home.php

